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(FILE 'HOME' ENTERED AT 11:10:15 ON 22 JUN 2005)

FILE 'CASREACT' ENTERED AT 11:11:00 ON 22 JUN 2005

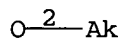
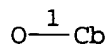
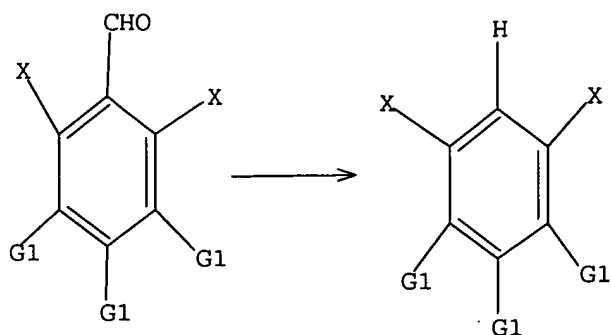
L1 STRUCTURE UPLOADED

L2 2 S L1

L3 24 S L1 FULL

=> d que 13 stat

L1 STR



G1 H, CHO, NO2, X, Ak, CF3, [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

L3 24 SEA FILE=CASREACT SSS FUL L1 (54 REACTIONS)

100.0% DONE 173649 VERIFIED

54 HIT RXNS

24 DOCS

SEARCH TIME: 00.00.04

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(FILE 'HOME' ENTERED AT 11:10:15 ON 22 JUN 2005)

FILE 'CASREACT' ENTERED AT 11:11:00 ON 22 JUN 2005

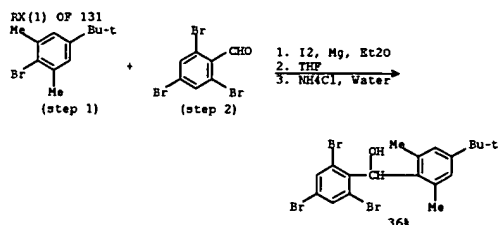
L1 STRUCTURE UPLOADED

L2 2 S L1

L3 24 S L1 FULL

=> d 1-24 bib fcrd

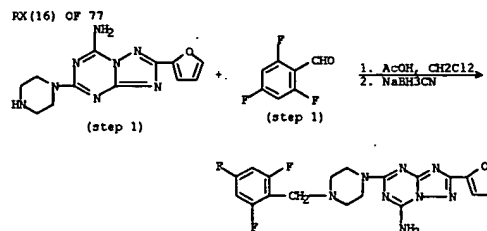
L3 ANSWER 1 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 141:296387 CASREACT
 TI Synthesis of phenylacetylene dendrimers having sterically congested diazo units and characterization of their photoproducts
 AU Itoh, Tetsuji; Maemura, Toshiyuki; Ohtsuka, Yusuke; Ikari, Yoshiyuki; Wildt, Holger; Hirai, Katsuyuki; Tomoka, Hideo
 CS Chemistry Department for Materials, Faculty of Engineering, Mie University, Tsu, 514-8507, Japan
 SO European Journal of Organic Chemistry (2004), (14), 2991-3003
 CODEN: EJOCFK; ISSN: 1434-193X
 PB Wiley-VCH Verlag GmbH & Co. KGaA
 DT Journal
 LA English



NOTE: ultrasound, Grignard reaction, first step of first stage

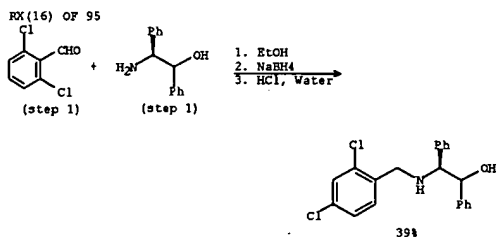
RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 141:167237 CASREACT
 TI Piperazine Derivatives of [1,2,4]Triazolo[1,5-a][1,3,5]triazine as Potent and Selective Adenosine A2a Receptor Antagonists
 AU Vu, Chi B.; Peng, Bo; Kumaravel, Gnanasambandan; Smits, Glenn; Jin, Xiaowei; Phadke, Deepali; Engler, Thomas; Huang, Carol; Reilly, Jennifer; Tam, Stacy; Grant, Donna; Hatu, Gregg; Chen, Liqing; Zhang, Jianbo; Pether, Russell C.
 CS Department of Medicinal Chemistry, Biogen Idec Inc., Cambridge, MA, 02142, USA
 SO Journal of Medicinal Chemistry (2004), 47(17), 4291-4299
 CODEN: JMCHAR; ISSN: 0022-2623
 PB American Chemical Society
 DT Journal
 LA English



RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

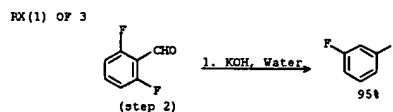
L3 ANSWER 3 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 141:7194 CASREACT
 TI Modification of (1R,2S)-1,2-diphenyl-2-aminoethanol for the highly enantioselective, asymmetric alkylation of N-diphenylphosphinoyl acrylamides with dialkylzinc
 AU Zhang, Hai-Lei; Jiang, Fan; Zhang, Xiao-Mei; Cui, Xin; Gong, Liu-Zhu; Mi, Ai-Qiao; Jiang, Yao-Zhong; Wu, Yun-Dong
 CS Key Laboratory for Asymmetric Synthesis and Chirotechnology of Sichuan Province, Chengdu Institute of Organic Chemistry Chinese Academy of Sciences, Chengdu, 610041, Peop. Rep. China
 SO Chemistry--A European Journal (2004), 10(6), 1481-1492
 CODEN: CEUJED; ISSN: 0947-6539
 PB Wiley-VCH Verlag GmbH & Co. KGaA
 DT Journal
 LA English



RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 24 CASREACT COPYRIGHT 2005 ACS on STN **APPLICANT**
 AN 140:357046 CASREACT
 TI Decarbonylation process for the preparation of 1,3-dihalobenzene derivatives from 2,6-dihalobenzaldehydes in the presence of an aqueous alkaline medium
 IN Brand, Stefan; Decker, Daniel; Wessel, Thomas
 PA Clariant GmbH, Germany
 SO Eur. Pat. Appl., 7 pp.
 CODEN: EPXKDW
 DT Patent
 LA German
 FAN.CNT 1

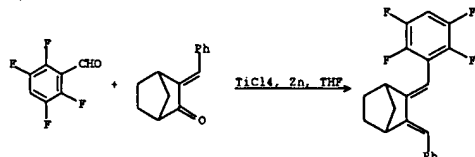
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1413566	A1	20040428	EP 2003-23176	20031013
DE 10249748	A1	20040506	DE 2002-10249748	20021025
US 2004087816	A1	20040506	US 2003-692927	20031024
JP 2004143179	A2	20040520	JP 2003-366054	20031027
PRAI DE 2002-10249748		20021025		
OS MARPAT 140:357046				



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 140:27532 CASREACT
 TI Regioselectivity of E/Z photoisomerization of fluorinated cisoid
 (1E,3E)-1,4-diphenylbutadienes via direct irradiation
 AU Liu, Jin; Suits, Eric L.; Boorman, Kelly J.
 CS Department of Chemistry, Murray State University, Murray, KY, 42071, USA
 SO Tetrahedron Letters (2003), 44(44), 8103-8107
 CODEN: TETLEY; ISSN: 0040-4039
 FB Elsevier Science B.V.
 DT Journal
 LA English

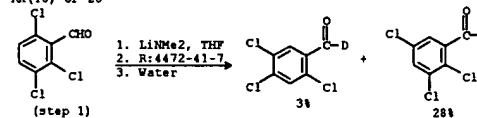
RX(2) OF 16



RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 139:245545 CASREACT
 TI Regiochemical observations on the lithiation of 1,2,4-trichlorobenzene and
 reaction with DMF and oxamide electrophiles in THF
 AU Burton, Andrew J.; Cardwell, Kevin S.; Fuchter, Matthew J.; Lindvall, Mika
 K.; Patel, Rajakant; Packham, Terry W.; Prodger, Jeremy C.; Schilling,
 Mark B.; Walker, Matthew D.
 CS Chemical Development, Medicines Research Centre, GlaxoSmithKline R&D,
 Hertfordshire, SG1 2NY, UK
 SO Tetrahedron Letters (2003), 44(30), 5653-5656
 CODEN: TETLEY; ISSN: 0040-4039
 FB Elsevier Science B.V.
 DT Journal
 LA English

RX(10) OF 20



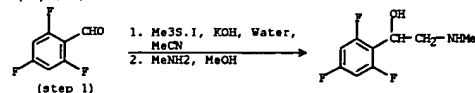
(step 1)
 NOTE: regioselective

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 139:117411 CASREACT
 TI Preparation of 4-oxo-4,7-dihydrofuro[2,3-b]pyridine-5-carboxamide
 antiviral agents
 IN Cudahy, Michele M.; Shnute, Mark E.; Tanis, Steven P.; Ferrault, William
 R.; Herrinton, Paul Matthew; Nair, Sajiv K.
 PA Pharmacia & Upjohn Company, USA
 SO PCT Int. Appl., 193 pp.
 CODEN: PINKD2
 DT Patent
 LA English
 FAN.CNT 1

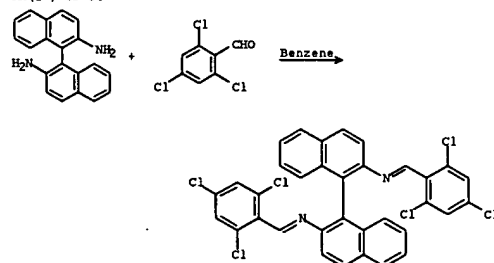
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003059911	A2	20030724	WO 2003-US1041	20030114
WO 2003059911	A3	20040122		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HN, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LA, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CH, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2474127	AA	20030724	CA 2003-2474127	20030114
EP 1465895	A2	20041013	EP 2003-715931	20030114
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003006904	A	20041123	BR 2003-6904	20030114
US 2004259907	A1	20041223	US 2003-345062	20030114
US 6878705	B2	20050412		
PRAI US 2002-348718P		20020114		
WO 2003-US1041		20030114		
OS	MARPAT	139:117411		

RX(83) OF 1000



L3 ANSWER 8 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 139:337897 CASREACT
 TI Asymmetric cyclopropanation and aziridination reactions of olefins
 catalyzed by Cu(I)-binaphthylidene complexes
 AU Suga, Hiroyuki; Kakehi, Akikazu; Ito, Suketaka; Ibata, Toshikazu; Fudo, Tomomi; Watanabe, Yuzuru; Kinoshita, Yoshinori
 CS Department of Chemistry and Material Engineering, Faculty of Engineering, Shinshu University, Nagano, 380-8553, Japan
 SO Bulletin of the Chemical Society of Japan (2003), 76(1), 189-199
 CODEN: BCSJAB; ISSN: 0009-2673
 PB Chemical Society of Japan
 DT Journal
 LA English

RX(27) OF 31

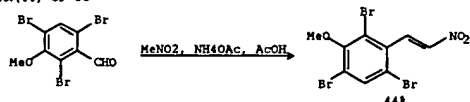


NOTE: mol. sieves used

RE.CNT 91 THERE ARE 91 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 138:106860 CASREACT
 TI Asymmetric synthesis of anathamides A and B: novel alkaloids isolated from
 Anathia wilsoni
 AU Ramirez Osuna, Moises; Aguirre, Gerardo; Somanathan, Ratnasamy; Molins,
 Elias
 CS Centro de Graduados e Investigacion, Instituto Tecnologico de Tijuana,
 Tijuana, 22000, Mex.
 SO Tetrahedron: Asymmetry (2002), 13(20), 2261-2266
 CODEN: TASYE3; ISSN: 0957-4166
 PB Elsevier Science Ltd.
 DT Journal
 LA English

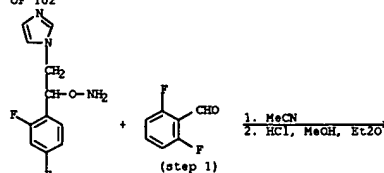
RX(11) OF 56



RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

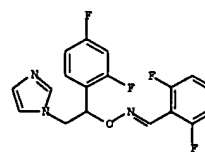
L3 ANSWER 10 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 138:24670 CASREACT
 TI Synthesis, Antifungal Activity, and Molecular Modeling Studies of New
 Inverted Oxime Ethers of Oxiconazole
 AU Rossello, Armando; Bertini, Simone; Lapucci, Annalina; Macchia, Marco;
 Martinelli, Adriano; Rapposelli, Simona; Herreros, Esperanza; Macchia,
 Bruno
 CS Dipartimento di Scienze Farmaceutiche, Facolta di Farmacia, Universita
 degli Studi di Pisa, Pisa, 56100, Italy
 SO Journal of Medicinal Chemistry (2002), 45(22), 4903-4912
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal
 LA English

RX(15) OF 102



HCl
 (step 1)

RX(15) OF 102



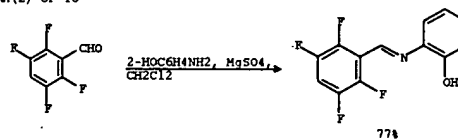
HCl
 454

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD

L3 ANSWER 10 OF 24 CASREACT COPYRIGHT 2005 ACS on STN (Continued)
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 137:352996 CASREACT
 TI Synthesis of polyfluorodibenz[b,f][1,4]oxazepines by the cyclization of
 2-((polyfluorobenzylidene)amino)phenols
 AU Allaway, Cara L.; Daly, Martina; Nieuwenhuyzen, Mark; Saunders, Graham C.
 CS School of Chemistry, Queen's University Belfast, Belfast, BT9 5AG, UK
 SO Journal of Fluorine Chemistry (2002), 115(1), 91-99
 CODEN: JFLCAR; ISSN: 0022-1139
 PB Elsevier Science B.V.
 DT Journal
 LA English

RX(2) OF 16

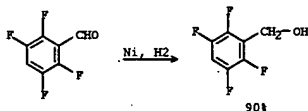


RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 12 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 133:350045 CASREACT
 TI Process for producing tetrafluorobenzenemethanols
 IN Sasaki, Toru; Furukawa, Tetsuhiro; Yoshida, Toru; Ohnishi, Yutaka; Monzen, Hiroyuki
 PA Showa Denko K. K., Japan
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000068173	A1	20001116	WO 2000-JP2912	20000502
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, EG, KZ, MD, RU, TJ, TM RW: GH, GN, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CN, GA, GN, GW, ML, MR, NE, SN, TD, TG EP 1182184 A1 20020227 EP 2000-922966 20000502 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO US 6624336 B1 20030923 US 2001-959715 20011105 PRAI JP 1999-126777 19990507 US 1999-136403P 19990527 JP 1999-335869 19991126 US 1999-169628P 19991208 WO 2000-JP2912 20000502 OS MARPAT 133:350045				

RX(3) OF 6

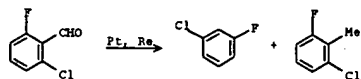


RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 14 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 115:8271 CASREACT
 TI Preparation of fluorobenzene or fluorotoluene derivatives by hydrogenation of fluorobenzaldehydes over platinum, cobalt, or rhodium catalysts
 IN Litterer, Heinz; Sistic, Frank Peter; Leupold, Ernst Ingo
 PA Hoechst A.-G., Germany
 SO Ger. Offen., 4 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 3935861	A1	19910502	DE 1989-3935861	19891027
CA 2070386	AA	19910428	CA 1990-2070386	19901018
WO 9106523	A1	19910516	WO 1990-EP1763	19901018
W: CA, JP, US RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE EP 496752 A1 19920805 EP 1990-914912 19901018 R: BE, CH, DE, FR, GB, IT, LI, NL JP 04506356 T2 19921105 JP 1990-513911 19901018 PRAI DE 1989-3935861 19891027 WO 1990-EP1763 19901018 OS MARPAT 115:8271				

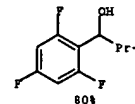
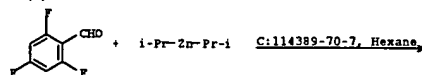
RX(3) OF 3



NOTE: Product depends on reaction methods

L3 ANSWER 13 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 127:318731 CASREACT
 TI Asymmetric synthesis of optically active fluorine-containing alcohols by the catalytic enantioselective alkylation of aldehydes
 AU Hayase, Tadakatsu; Sugiyama, Tadashi; Suzuki, Masanori; Shibata, Takanori; Soai, Kenzo
 CS Department of Applied Chemistry, Faculty of Science, Science University of Tokyo, Kagurazaka, Shinjuku-ku, Tokyo, 162, Japan
 SO Journal of Fluorine Chemistry (1997), 84(1), 1-5
 CODEN: JFLCAR; ISSN: 0022-1139
 PB Elsevier
 DT Journal
 LA English

RX(2) OF 15

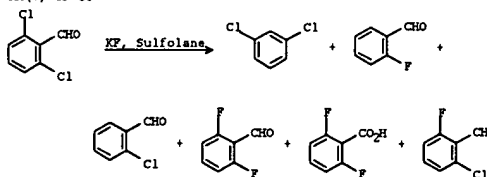


NOTE: stereoselective

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 15 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 113:58614 CASREACT
 TI "Halax" (potassium fluoride) fluorination of chlorinated benzaldehydes and benzoyl chlorides
 AU Banks, R. Eric; Mothersdale, Kevin N.; Tipping, Anthony E.; Tsilicopoulos, Efthimos; Cozens, Barry J.; Wotton, David E. M.; Tatlow, John Colin
 CS Inst. Sci. Technol., Univ. Manchester, Manchester, M60 1QD, UK
 SO Journal of Fluorine Chemistry (1990), 46(3), 529-37
 CODEN: JFLCAR; ISSN: 0022-1139
 DT Journal
 LA English

RX(7) OF 15

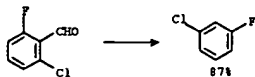


NOTE: other byproduct also present

L3 ANSWER 16 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 113:40126 CASREACT
 TI Method for the preparation of fluorobenzenes by decarbonylation of fluorobenzaldehydes
 IN Littner, Heinz; Metz, Hans Joachim; Papenfuhs, Theodor; Sistig, Frank
 PA Hoechst A.-G., Germany
 SO Ger. Offen., 4 pp.
 CODEN: GWXKXK
 DT Patent
 LA German
 FAN.CMT 1

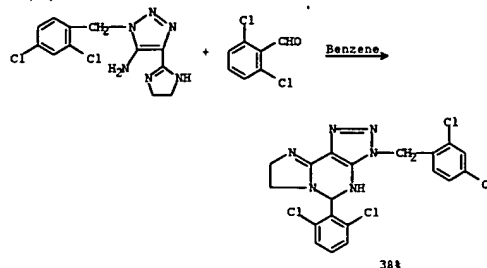
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 3824141	A1	19900118	DE 1988-3824141	19880716
EP 351644	A1	19900124	EP 1989-112262	19890705
EP 351644	B1	19920610		
R: BE, CH, DE, FR, GB, IT, LI, NL				
JP 02073025	A2	19900313	JP 1989-179197	19890713
US 4937395	A	19900626	US 1989-379827	19890714
FRAI DE 1988-3824141 19880716				
OS HARPAT 113:40126				

RX(2) OF 2



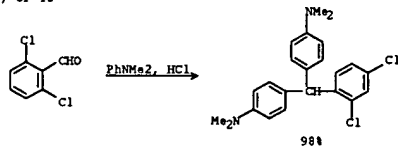
L3 ANSWER 17 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 112:235250 CASREACT
 TI Synthesis of new 6,7-heteroannulated 3H-1,2,3-triazolo[4,5-d]pyridimidine derivatives
 AU Ried, Walter; Lacoutidis, Joannis
 CS Inst. Org. Chem., Univ. Frankfurt/Main, Frankfurt/Main, D-6000, Fed. Rep. Ger.
 SO Synthesis (1989), (10), 739-41
 CODEN: SYNTBF; ISSN: 0039-7881
 DT Journal
 LA German

RX(52) OF 103



L3 ANSWER 18 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 112:55128 CASREACT
 TI Synthesis of triarylmethanes under high pressure
 AU Yasumoto, Masahiko; Yanagiya, Kohshin; Shibuya, Isao; Sekiguchi, Tatsuo
 CS Natl. Chem. Lab. Ind., Tsukuba, 305, Japan
 SO Nippon Kagaku Kaishi (1989), (7), 1099-102
 CODEN: NKAKB8; ISSN: 0369-4577
 DT Journal
 LA Japanese

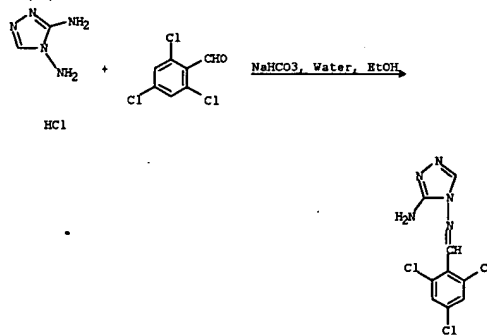
RX(13) OF 13



NOTE: high pressure

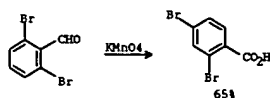
L3 ANSWER 19 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 105:60565 CASREACT
 TI Synthesis and antihypertensive activity of 3-amino-4-(arylideneamino)-4H-1,2,4-triazoles
 AU Emilsson, Haakan; Selander, Hans; Gaarder, Jan
 CS Dep. Org. Pharm. Chem., Uppsala Biomed. Cent., Uppsala, S-751 23, Swed.
 SO European Journal of Medicinal Chemistry (1985), 20(4), 333-7
 CODEN: EJMCAS; ISSN: 0223-5234
 DT Journal
 LA English

RX(17) OF 51



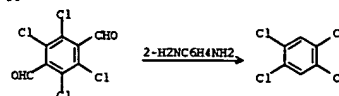
L3 ANSWER 20 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 102:5843 CASREACT
 TI Preparation of bromobenzoic acids from the corresponding bromotoluenes via the Krohnke method
 AU Tashiro, Masashi; Nakayama, Kouji
 CS Grad. Sch. Eng. Sci., Kyushu Univ., Kasuga, 816, Japan
 SO Organic Preparations and Procedures International (1984), 16(5), 379-83
 CODEN: OPPIAK; ISSN: 0030-4948
 DT Journal
 LA English

RX(22) OF 57



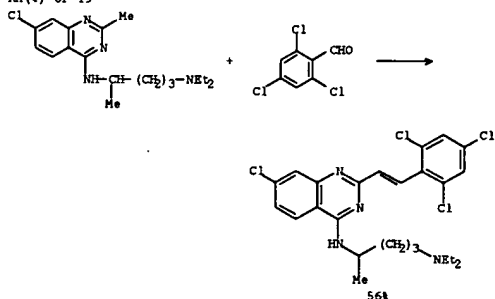
L3 ANSWER 21 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 98:106882 CASREACT
 TI Thermally induced degradation of 2,3,5,6-tetrachloroterephthalylidenebis(o-aminianiline)
 AU Leyden, Richard N.; Loonat, Mohamed S.; Neuse, Eberhard W.; Sher, Brian H.; Watkinson, Walter J.
 CS Dep. Chem., Univ. Witwatersrand, Johannesburg, 2001, S. Afr.
 SO Journal of Organic Chemistry (1983), 48(5), 727-31
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

RX(3) OF 16



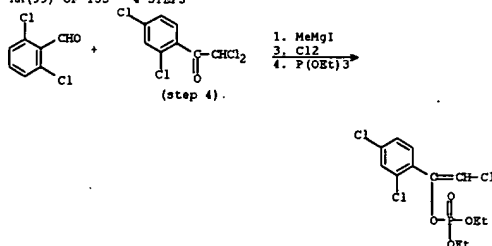
L3 ANSWER 22 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 96:199625 CASREACT
 TI Synthesis and chemotherapeutic study of 2-styryl-4-(8-diethylamino- α -methylbutylamino)quinazolines
 AU Zhikhareva, G. P.; Mastafanova, L. I.; Evstratova, M. I.; Polukhina, L. M.; Pushkina, T. V.; Pershin, G. N.; Yakhontov, L. N.
 CS Vses. Nauchno-Issled. Khim. Farm. Inst., Moscow, USSR
 SO Khimiko-Farmatsevticheskii Zhurnal (1982), 16(2), 183-8
 CODEN: KHFZAN; ISSN: 0023-1134
 DT Journal
 LA Russian

RX(4) OF 19



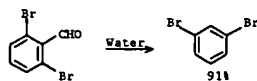
L3 ANSWER 23 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
 AN 96:181357 CASREACT
 TI Reactions of 2,4- and 2,6-dichlorophenacylidene halides with trialkyl phosphites in protic solvents. Direct evidence for the "enolate anion" pathway
 AU Mlotkowska, Barbara; Majewski, Piotr; Kozlars, Anna; Zwierzak, Andrzej; Sledzinski, Bohdan
 CS Inst. Org. Chem., Polytech. Univ., Lodz, 90924, Pol.
 SO Polish Journal of Chemistry (1981), 55(3), 631-42
 CODEN: PJCHDQ; ISSN: 0137-5083
 DT Journal
 LA English

RX(99) OF 153 - 4 STEPS



L3 ANSWER 24 OF 24 CASREACT COPYRIGHT 2005 ACS on STN
AN 29:55914 CASREACT
T1 Cleavage of the aldehyde group as formic acid from aromatic aldehydes.
III. Mixed-halogen-containing and halo nitro benzaldehydes
AU Lock, Gunther
SO Ber. (1935), 68B, 1505-11
DT Journal
LA Unavailable

RX(1) OF 2



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E DECKER DANIEL/AU
L5 14 S E3
E WESSEL THOMAS/AU
L6 27 S E3
L7 44 S L4 OR L5 OR L6
L8 0 S L7 AND HALOBENZENE
L9 1010 S 7 AND HALO(L) BENZENE
L10 0 S L7 AND HALO(L) BENZENE

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L10 0 SEA FILE=CAPLUS ABB=ON PLU=ON L7 AND HALO(L) BENZENE

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247 DIHALOBENZENE

332 DIHALOBENZENES

481 DIHALOBENZENE

(DIHALOBENZENE OR DIHALOBENZENES)

L11 1 L7 AND DIHALOBENZENE

=> d bib abs

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:348006 CAPLUS

IN 140:357046

TI Decarbonylation process for the preparation of 1,3-dihalobenzene derivatives from 2,6-dihalobenzaldehydes in the presence of an aqueous alkaline medium

IN Brand, Stefan; Decker, Daniel; Wessel, Thomas

PA Clariant GmbH, Germany

SO Eur. Pat. Appl., 7 pp.

CODEN: EPXKDW

DT Patent

LA German

FAN.CMT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1413566	A1	20040428	EP 2003-23176	20031013
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
DE 10249748	A1	20040506	DE 2002-10249748	20021025
US 2004087816	A1	20040506	US 2003-692927	20031024
JP 2004143179	A2	20040520	JP 2003-366054	20031027
PRAI DE 2002-10249748	A	20021025		

OS CASREACT 140:357046; MARPAT 140:357046

AB 1,3-dihalobenzene derivs. (e.g., 1,3-difluorobenzene) are prepared by the decarbonylation of 2,6-dihalobenzaldehydes (e.g., 2,6-difluorobenzaldehyde) in the presence of an aqueous Group IA or IIA metal hydroxide (e.g., potassium hydroxide) or carbonate at 50-215°.

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